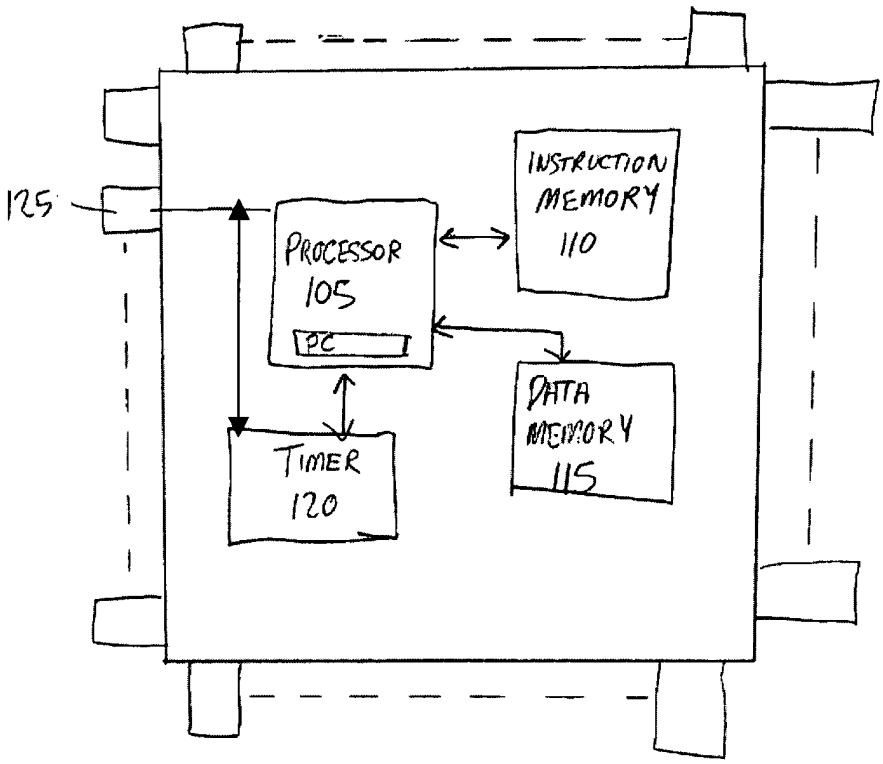


FIGURE 1

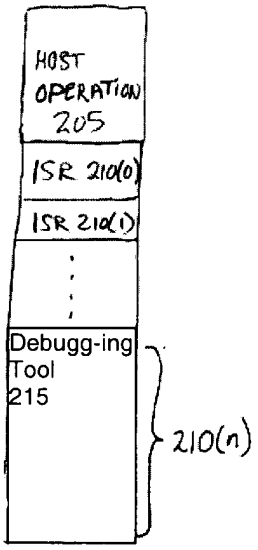


FIG. 2

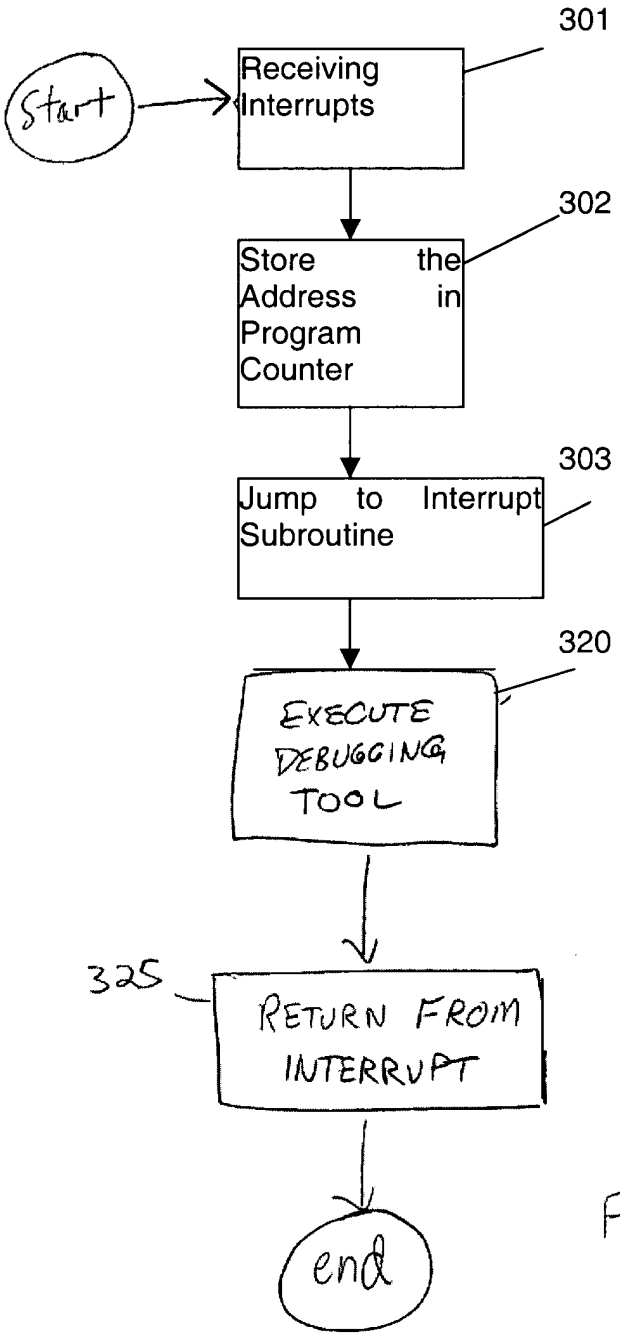
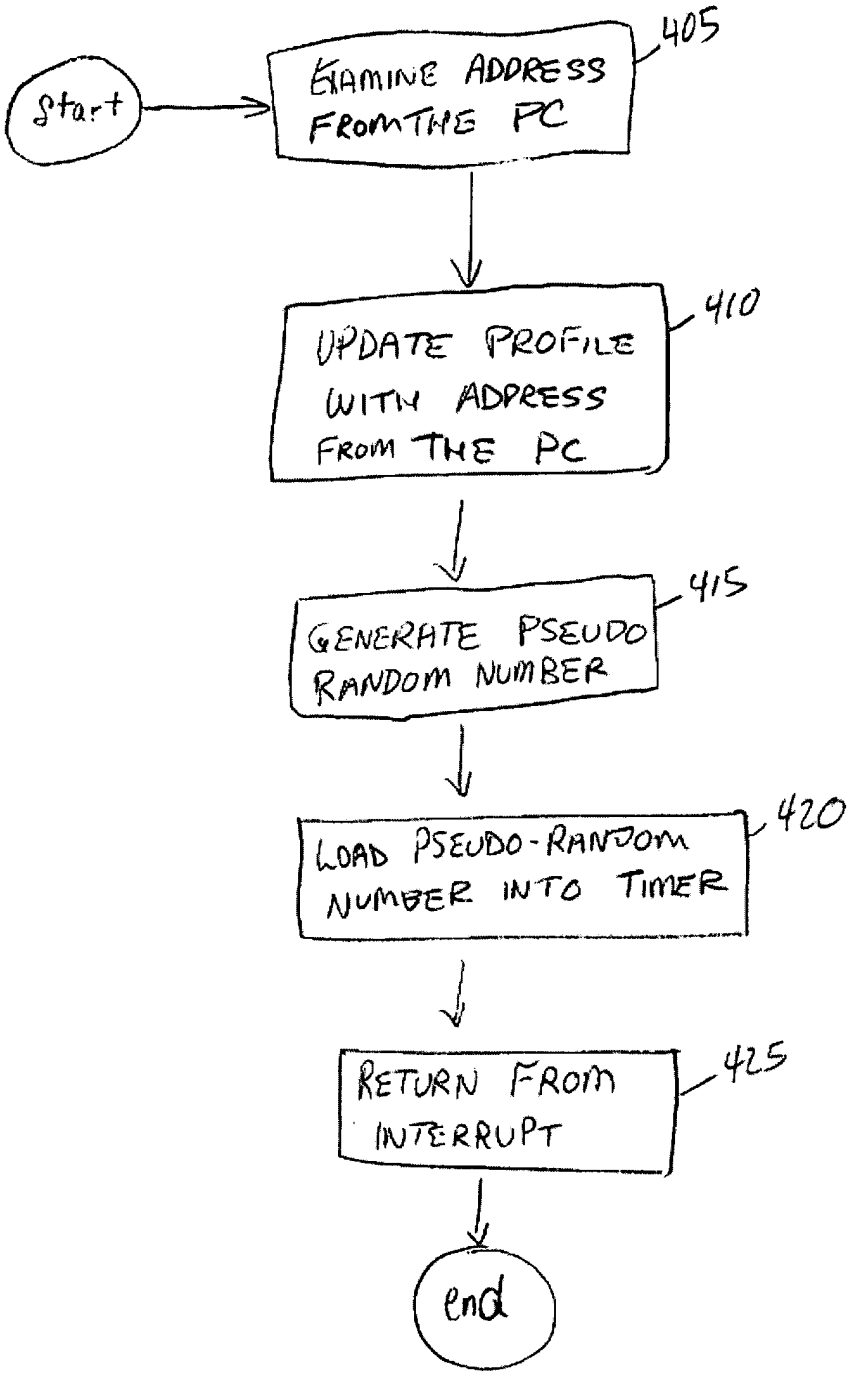

Start
Receiving Interrupts
301
Store the Address in Program Counter
302
Jump to Interrupt Subroutine
303
EXECUTE DEBUGGING TOOL
320
325
RETURN FROM INTERRUPT
end

FIG. 3


Start
EXAMINE ADDRESS FROM THE PC
405
UPDATE PROFILE WITH ADDRESS FROM THE PC
410
GENERATE PSEUDO RANDOM NUMBER
415
LOAD PSEUDO-RANDOM NUMBER INTO TIMER
420
RETURN FROM INTERRUPT
425
end

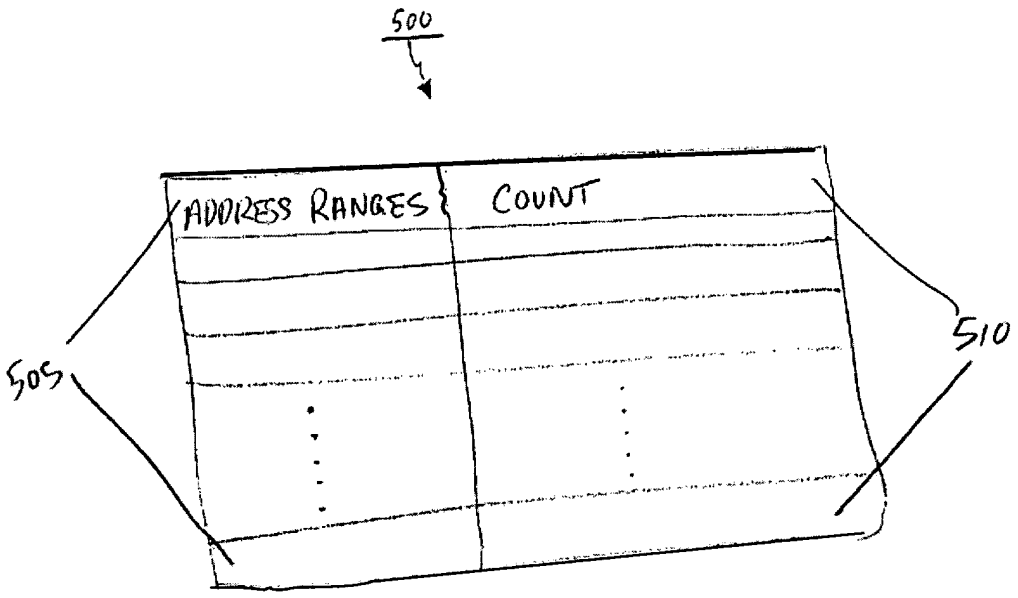


FIGURE 5